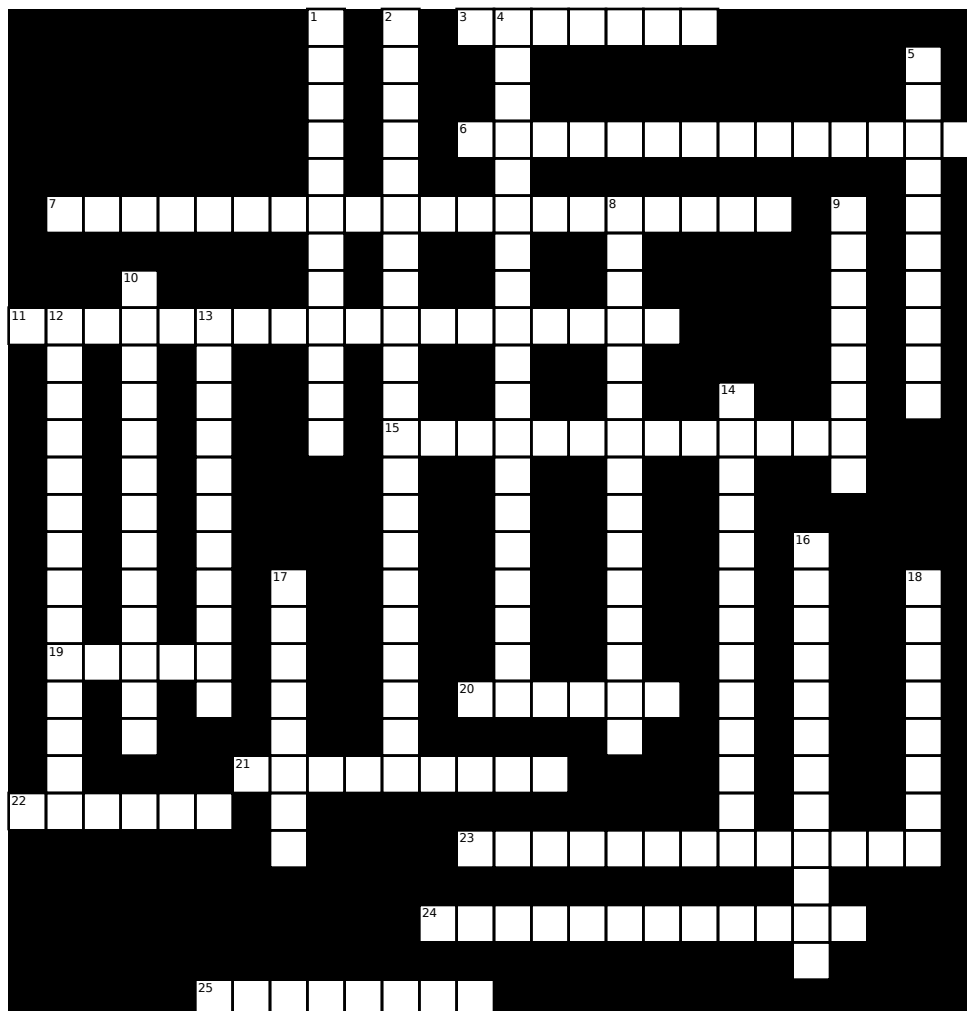


Point of Concurrency and Triangle Inequalities

Megan Schwenke



Across

- 3 A line between two points
- 6 A triangle with one 90 degree angle (2 Words)
- 7 An indirect proof in which one assumes that the statement to be proved is false (3 Words)
- 11 The point where concurrent lines intersect (3 Words)
- 15 A triangle where all three angles are less than 90 degrees (2 Words)
- 19 The space between two intersecting lines
- 20 A meeting point of two lines that form an angle
- 21 Equal
- 22 Is a segment whose endpoints are a vertex of a triangle and the midpoint of the side opposite the vertex
- 23 The angle between a side of a rectilinear figure and an adjacent side extended outward (2 Words)
- 24 A geometric theorem describing two triangles with congruent sides (2 Words)
- 25 A point in the middle

Down

- 1 Center of gravity (2 Words)
- 2 A triangle, a line, segment, or ray that passes through the midpoint of a side and is perpendicular to that side (2 Words)
- 4 A triangle with three equal sides and angles (2 Words)
- 5 Not equal
- 8 Three or more lines that intersect at a common point (2 Words)
- 9 The point of concurrency of the angle bisectors of a triangle
- 10 The angle between adjacent sides of a rectilinear figure (2 Words)
- 12 A triangle with one angle greater than 90 degrees (2 Words)
- 13 The point of concurrency of the medians of a triangle
- 14 A ray that divides an angle into two congruent angles (2 Words)
- 16 The point of concurrency of the perpendicular bisectors of a triangle
- 17 The point of concurrency of the medians of a triangle
- 18 A triangle is a segment from a vertex to the line containing the opposite side and perpendicular to the line containing that side